

5. The component of claim 4, wherein the boron is at a concentration of 0.20 - 0.30 weight%.

6. The component of claim 28, wherein the sulphur is at a concentration of less than about 0.005 weight %.

7. The component of claim 28, wherein the phosphorous is at a concentration of less than about 0.005 weight %.

8. The component of claim 28, wherein the chromium is at a concentration of 9 to 12 weight %.

9. The component of claim 8, wherein the chromium concentration is 10 to 11 weight %.

10. The component of claim 28, wherein the alloy further includes silicon at a concentration of less than about 1.0 weight %.

11. The component of claim 10, wherein the silicon concentration is less than about 0.8 weight %.

12. The component of claim 28, wherein the molybdenum is at a concentration of 5.0 to 8.0 weight %.

13. The component of claim 12, wherein the molybdenum concentration is 6.0 to 7.0 weight %.

14. The component of claim 28, wherein the tungsten is at a concentration of 2.5 to 4.0 weight %.

15. The component of claim 14, wherein the tungsten concentration is 3.0 to 3.5 weight %.

16. The component of claim 28, wherein the vanadium is at a concentration of 1.5 to 3.0 weight %.

17. The component of claim 16, wherein the vanadium is at a concentration of 2.00 to 2.40 weight %.

18. The component of claim 28, wherein the niobium is at a concentration of 2.0 to 4.0 weight %.

19. The component of claim 18, wherein the niobium concentration is 2.80 to 3.20 weight %.

20. The component of claim 28, wherein the cobalt is at a concentration of 3.0 to 5.0 weight %.

21. The component of claim 20, wherein the cobalt concentration is 4.00 to 4.50 weight %.

22. The component of claim 28, further including tantalum at concentration of less than about 1.5 weight %.

23. The component of claim 28, further including manganese at a concentration of about 0.5-1.0%.

24. The component of claim 28, wherein the alloy is substantially free of nickel.

25. The component of claim 24, wherein the alloy includes less than about 0.005 weight % nickel.

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26. The component of claim 28, wherein the alloy includes, in terms of weight percent:

Boron	0.01 - 2.0
Carbon	0.01 - 2.0
Sulphur	0.00 - 0.005
Phosphorous	0.00 - 0.005
Chromium	5.0 - 15.0
Silicon	0.0 - 2.0
Molybdenum	2.0 - 12.00
Tungsten	0.5 - 10.00
Vanadium	0.5 - 5.0
Niobium	0.5 - 5.0
Cobalt	0.5 - 10.0

27. The component of claim 26, wherein the alloy includes, in terms of weight percent:

Boron	0.20 - 0.30
Carbon	0.50 - 0.60
Chromium	10.0 - 11.0
Silicon	0.0 - 0.80
Molybdenum	6.0 - 7.0
Tungsten	3.00 - 3.50
Vanadium	2.00 - 2.40
Niobium	2.00 - 2.40
Cobalt	4.00 - 4.5

28. A component of equipment [for use in molten melts which include magnesium] the component formed from an alloy comprising iron, chromium, molybdenum, vanadium, niobium, cobalt, and tungsten, and at least one of boron and carbon, the alloy being substantially free of sulfur and phosphorous.

Please cancel claims 1 and 30-33 without prejudice or disclaimer.